U.S. Patent Application Serial No. **09/736,317**
Amendment filed November 24, 2004
Reply to OA dated July 29, 2004

AMENDMENTS TO THE SPECIFICATION:

Amend the specification as follows:

Replace the paragraph beginning on page 18, line 3 with the following rewritten paragraph:

Given these considerations, frequency is used depending on the input pixel value as in the

following general formula in a C language program.

If mod (Avg, 255/(Q-1))-255/2(Q-1)>=0

~~Frq = [square root sign](1/2) • [square root sign][[255/(Q-1)]/[255/(Q-1)-mod(Avg, 255/(Q-1))]]/π~~ ~~(2)~~

~~else~~

~~Frq = [square root sign] (1/2) • [square root sign] [[(255/(Q-1)]/mod (Avg, 255/(Q-1))]/ π~~ ~~(3)~~

$$\underline{\text{Frq} = \sqrt{(1/2)} \bullet \sqrt{[255/(Q-1)]/[255/(Q-1) - \text{mod}(\text{Avg}, 255/(Q-1))]} / \pi} \qquad (2)$$

<u>else</u>

$$\underline{Frq = \sqrt{(1/2)} \bullet \sqrt{[255/(Q-1)]/\text{mod}(Avg, 255/(Q-1))} / \pi} \qquad (3)$$

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